

## CLAIM AMENDMENTS

1           1. (currently amended) A junction system for joining a  
2     filiform element to a connection element, characterized in that it  
3     has a tubular element fitted on an end section of said filiform  
4     element and substantially having an eye for hooking said connection  
5     element, the filiform element consisting of a single composite  
6     round bar mating with the tubular element along a continuous side  
7     contacting surface.

1           2. (currently amended) The junction system according to  
2     ~~the preceding claim 1~~, characterized in that said tubular element  
3     and said eye are made in a single piece.

1           3. (currently amended) The junction system according to  
2     ~~the preceding claim 2~~, characterized in that said tubular element  
3     and said eye are made separately.

1           4. (currently amended) The junction system according to  
2     ~~the preceding claim 3~~, characterized in that said tubular element  
3     has a curved section defining said eye, and at least a first  
4     substantially straight section distal from the head of said end  
5     section of said filiform element.

1           5. (currently amended) The junction system according to  
2 ~~one or more of the preceding claims claim 1~~, characterized in that  
3 means for bonding said tubular element to said filiform element are  
4 present, in such a manner as to efficiently transfer the tensile  
5 stress force from said filiform element to said tubular element.

1           6. (currently amended) The junction system according to  
2 ~~one or more of the preceding claims claim 5~~, characterized in that  
3 said means for bonding said tubular element to said filiform  
4 element comprise an adhesive or a chemical bond between said  
5 tubular element and said filiform element.

1           7. (currently amended) The junction system according to  
2 ~~one or more of the preceding claims claim 4~~, characterized in that  
3 said first straight section of said tubular element has a  
4 predetermined length such that the tensile stress force is at least  
5 partially or completely transferred from said filiform element to  
6 said tubular element in correspondence with said first straight  
7 section of said tubular element.

1           8. (currently amended) The junction system according to  
2 ~~one or more of the preceding claims claim 4~~, characterized in that  
3 said tubular element has a second substantially straight section  
4 proximal to the head of said end section of said filiform element.

9. (canceled)

1           10. (currently amended) The junction system according  
2 to ~~one or more of the preceding claims claim 1~~, characterized in  
3 that ~~[[the]]~~ a matrix of said filiform element of composite  
4 material is thermoplastic.

11. (canceled)

1           12. (currently amended) The junction system according  
2 to ~~one or more of the preceding claims claim 1~~, characterized in  
3 that said tubular element is steel.

13 - 14. (canceled)

1           15. (currently amended) The junction system according  
2 to ~~one or more of the preceding claims claim 1~~, characterized in  
3 that said filiform element has a protective coating against  
4 ultraviolet rays and/or against attacks of chemical nature and/or  
5 against damage of mechanical origin.

1           16. (currently amended) The junction system according  
2 to ~~one or more of the preceding claims claim 1~~, characterized in  
3 that said filiform element and/or said protective coating have a  
4 predetermined coloration for identifying the diameter of said  
5 filiform element and/or for visually indicating said filiform  
6 element.

1           17. (currently amended) The junction system according  
2 to ~~one or more of the preceding claims~~ claim 1, characterized in  
3 that said filiform element or said protective coating have length  
4 markers for facilitating [[the]] measurement of said filiform  
5 element during the making of the junction system.

1           18. (currently amended) The junction system according  
2 to ~~one or more of the preceding claims~~ claim 1, characterized in  
3 that it has means of locking said eye's closing.

1           19. (currently amended) The junction system according  
2 to ~~one or more of the preceding claims~~ claim 18, characterized in  
3 that said locking means are formed by a ring applied around the  
4 neck of said eye.

1           20. (currently amended) The junction system according  
2 to ~~one or more of the preceding claims~~ claim 1, characterized in  
3 that said tubular element has flared end edges.

1           21. (currently amended) The junction system according  
2 to claim 1, characterized in that it has removable connection means  
3 between said tubular element and said eye.

1           22. (currently amended) The junction system according  
2 to claim 21, characterized in that said connection means comprise a  
3 threaded stem which extends from said eye and screws into a first  
4 end of said tubular element.

1           23. (currently amended) The junction system according  
2 to ~~any one claim 21 and 22~~, characterized in that it has an  
3 antiunthreading element adapted to prevent the unthreading of said  
4 filiform element from a second end of said tubular element.

1           24. (currently amended) The junction system according  
2 to ~~any one claim from 21-23~~. claim 23 characterized in that said  
3 anti-unthreading element consists of a pin inserted axially in  
4 correspondence with the end of said filiform element positioned in  
5 said tubular element, and having maximum cross section greater than  
6 the internal clearance of said tubular element.

1           25. (currently amended) The junction system according  
2 to ~~any one claim from 21-24~~ claim 23, characterized in that said  
3 pin is conical or frustoconical.

1           26. (currently amended) The junction system according  
2 to ~~any one claim from 21-24~~ claim 23, characterized in that said  
3 filiform element is of composite thermoplastic material, directly  
4 or indirectly heatable to a softening temperature adapted to permit  
5 the penetration of said anti-unthreading element.

1           27. (currently amended) The junction system according  
2 to ~~any one~~ claim 1 [[or 2]], characterized in that it presents  
3 means of screw connection between the outer side surface of said  
4 end section of said filiform element and the inner side surface of  
5 said tubular element.

28 - 29. (canceled)

1           30. (currently amended) A procedure for ~~achieving a~~  
2 ~~system of junction of joining~~ a filiform element to a connection  
3 element, characterized in that a tubular element is fitted on an  
4 end section of said filiform element, said tubular element shaped  
5 such that it defines an eye adapted to hook said connection  
6 element, the filiform element being a composite round bar heated  
7 simultaneously with the tubular element to a predetermined  
8 temperature at which both become malleable in order to be shaped to  
9 define the eye.

31. (canceled)

1           32. (currently amended) The procedure for achieving a  
2 system of junction of a filiform element to a connection element  
3 according to any one preceding claim, characterized in that it  
4 joins said filiform element to said tubular element in order to  
5 transfer the tensile stress load from one to the other.

1           33. (currently amended) A kit for achieving a system of  
2 junction of a filiform element to a connection element,  
3 characterized in that it comprises one said filiform element,  
4 resistant to tensile stress, of thermoplastic composite material,  
5 one tubular element to fit on an end section of said filiform  
6 element, and a device for folding said tubular element having means  
7 of heating adapted to simultaneously heat said filiform element and  
8 said tubular element to a predetermined temperature in which said  
9 filiform element and said tubular element become malleable, in  
10 order to be shaped such to substantially define a hooking eye to  
11 said connection element.

1           34. (currently amended) A method for reducing the  
2 aerodynamic resistance of a filiform element subject to a fluid  
3 flux of variable direction, characterized in that attached along at  
4 least one section of said filiform element is at least one element  
5 with highly aerodynamic wing profile, supported and freely rotating  
6 around said filiform element such that it orients itself in the  
7 flux direction which impacts it.

1           35. (currently amended) A device for reducing the  
2 aerodynamic resistance of a filiform element subject to a fluid  
3 flux of variable direction, which is characterized in that it  
4 comprises at least one highly aerodynamic wing element attached  
5 along at least one section of said filiform element and supported  
6 and freely rotating around said filiform element such that it  
7 orients itself in the flux direction which impacts it.

1           36. (currently amended) The device according to the  
2 preceding claim 35, characterized in that it is in the form of a  
3 wing-shaped foil, having elastically-pliable opposing edges for the  
4 snap-lock introduction of said filiform element inside said element  
5 with aerodynamic profile.

1           37. (currently amended) The device according to ~~any one~~  
2 claim 35 [[or 36]], characterized in that it is formed in plastic  
3 extrusion.

1           38. (currently amended) The device according to ~~any one~~  
2 ~~claim from 35-37~~ claim 36, characterized in that said foil has at  
3 least a first extension projecting from the inner surface in order  
4 to join said foil to a precise point on the longitudinal length of  
5 said filiform element.



1           39. (currently amended) The device according to any one  
2 ~~claim from 35-38~~ claim 36, characterized in that said foil has a  
3 plurality of extensions projecting from its inner surface in order  
4 to join said foil to a precise point on the longitudinal length of  
5 said filiform element having substantially smaller diameter than  
6 that of the maximum chord of the curved part of said foil.

40. (canceled)